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Enterprise JavaBeans Technology

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Enterprise JavaBeans (EJB) technology is the server-side component architecture for the Java 2 Platform, Enterprise Edition (J2EE) platform. EJB technology enables rapid and simplified development of distributed, transactional, secure and portable applications based on Java technology.

Resources for Enterprise Application Developers

This page offers a number of useful resources, including where to find reusable software components designed to work within J2EE component architecture.

EJB 3.0 specification Early Draft Review 2

This draft specifies the new simplified EJB API targeted at ease of development. This draft also includes the specification of the new API for the management of persistence and object/relational mapping with J2EE and J2SE. Leading experts throughout the entire Java community have come together to build this Java persistence standard. This work incorporates contributions from the Hibernate, TopLink, and JDO communities, as well as from the EJB community.

EJB 2.1 specification

This spec, created under the Java Community Process (JCP), enhances EJB architecture with support for Web services, making it easier to implement and deploy Web services applications based on Java technology.

What's New

April 14, 2005

J2EE 1.4 SDK The latest release of the J2EE 1.4 SDK has a number of improvements that make working with the SDK for development or deployment faster and more convenient than ever. For example, EJB Deployment in the J2EE 1.4 SDK is now much faster than in previous releases thanks to a new feature called Dynamic RMI-IIOP. Static rmic stubs are no longer generated during the deployment phase and are not needed at runtime. This savings can significantly increase the speed of deployment and redeployment of EJB applications. The J2EE 1.4 SDK is the most popular J2EE SDK ever with over 2.3 million downloads to date; it is free for development, deployment and redistribution. Check out this and other features in the J2EE 1.4 SDK.

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March 2, 2005

EJB/JDO Persistence FAQ This FAQ gives more information about the new Java persistence API and its relation to the EJB and JDO technologies.

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January 14, 2005

Automatic Database Schema Generation White Paper A Technical investigation of Automatic Database Schema Generation in Sun Java System Application Server and the J2EE 1.4 SDK, by Dave Bristor and Jie Leng of Sun's EJB container implementation team.

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September 30, 2004

A Letter to the Java Community Sun announces a new community effort to create common POJO (Plain Old Java Object) persistence for Java in a letter to the Java community. We are asking the Java technology community for support. Review the specification drafts and send us your feedback.

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Community

Events

August 25, 2003

Enterprise JavaBeans Chat Transcript Discussion about the functionality in the the EJB 2.1 spec, with Linda DeMichiel, the spec lead, and Ken Saks, Sun's lead architect for implementation of the EJB 2.1 container.

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